Neutrokine- α

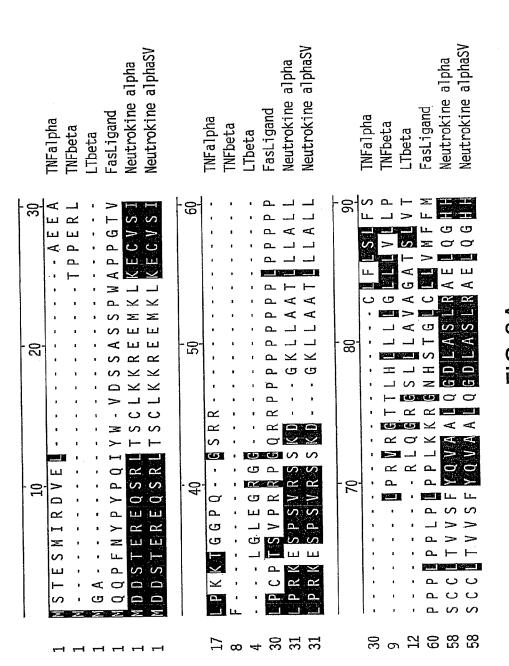
1	AAATTCAGGATAACTCTCCTGAGGGGTGAGCCCAAGCCCTGCCATGTAGTGCACGCAGGAC	60
61	ATCAACAAACACAGATAACAGGAAATGATCCATTCCCTGTGGTCACTTATTCTAAAGGCC	120
121 1	CCAACCTTCAAAGTTCAAGTAGTGATATGGATGACTCCACAGAAAGGGAGCAGTCACGCC M D D S T E R E Q S R L	180 12
181 13	TTACTTCTTGCCTTAAGAAAAGAGAAATGAAACTGAAGGAGTGTGTTTCCATCCTCC T S C L K K R E E M K L K E C V S I L P CD-I	240 32
241 33	CACGGAAGGAAAGCCCCTCTGTCCGATCCTCCAAAGACGGAAAGCTGCTGGCTG	300 52
301 53	TGCTGCTGGCACTGCTGTCTTGCTGCCTCACGGTGGTGTCTTTCTACCAGGTGGCCGCCC L L A L L S C C L T V V S F Y Q V A A L	360 72
361 73	TGCAAGGGGACCTGGCCAGCCTCCGGGCAGAGCTGCAGGGCCACCACGCGGAGAAGCTGC Q G D L A S L R A E L Q G H H A E K L P CD-II	420 92
421 93	CAGCAGGAGCAGGAGCCCCCAAGGCCGGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGAC A G A G A P K A G L E E A P A V T A G L CD-III	480 112
481 113	TGAAAATCTTTGAACCACCAGCTCCAGGAGAAGGCAACTCCAGTCAGAACAGCAGAAATA K I F E P P A P G E G N S S Q N S R N K	540 132
541 133	AGCGTGCCGTTCAGGGTCCAGAAGAAACAGTCACTCAAGACTGCTTGCAACTGATTGCAG R A V Q G P E E T V T Q D C L <u>Q L I A D</u> CD-IV	600 152

FIG.1A

Neutrokine- α

501 153	ACAGTGAAACACCAACTATACAAAAAGGATCTTACACATTTGTTCCATGGCTTCTCAGCT S E T P T I Q K G S Y T F <u>V P W L L S F</u> CD-V	660 172
561 173	TTAAAAGGGGAAGTGCCCTAGAAGAAAAAGAGAAATATTGGTCAAAGAAACTGGTT K R G S A L E E K E N K I L V K E T G Y CD-VI	720 192
721 193	ACTTITITATATATGGTCAGGTTTTATATACTGATAAGACCTACGCCATGGGACATCTAA F F I Y G Q V L Y T D K T Y A M G H L I CD-VII CD-VII	780 212
781 213	TTCAGAGGAAGAAGGTCCATGTCTTTGGGGGATGAATTGAGTCTGGTGACTTTGTTTCGAT ORKKVHVFGDELSLVTLFRC CD-VIII #	840 232
841 233	GTATTCAAAATATGCCTGAAACACTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAA I Q N M P E T L P N N <u>S C Y S A G</u> I A K CD-VIII CD-IX	900 252
901 253	AACTGGAAGAAGGAGATGAACTCCAACTTGCAATACCAAGAGAAAATGCACAAATATCAC <u>L E E G D E L Q L A I P R</u> E N A Q I S L CD-X	960 272
961 273	TGGATGGAGATGTCACATTTTTTGGTGCATTGAAACTGCTGTGACCTACTTACACCATGT D G D V <u>T F F G A L K L</u> L CD-XI	1020 285
.021	CTGTAGCTATTTTCCTCCCTTTCTCTGTACCTCTAAGAAGAAAGA	1080
L081	CCAAAAAAAAAAAAAA 1100	

FIG.1B



-IG.2A

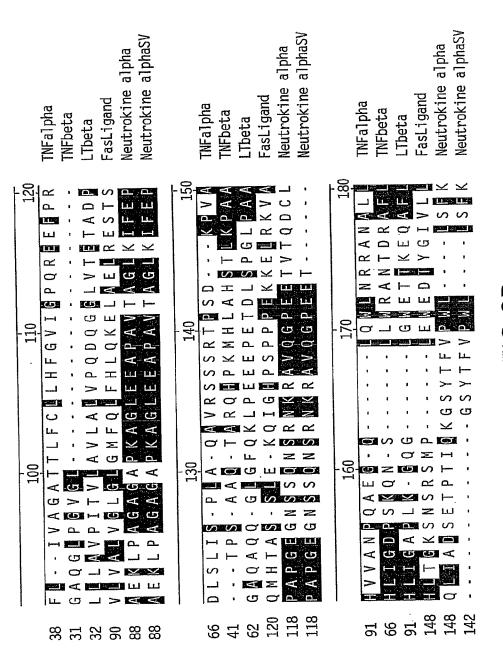
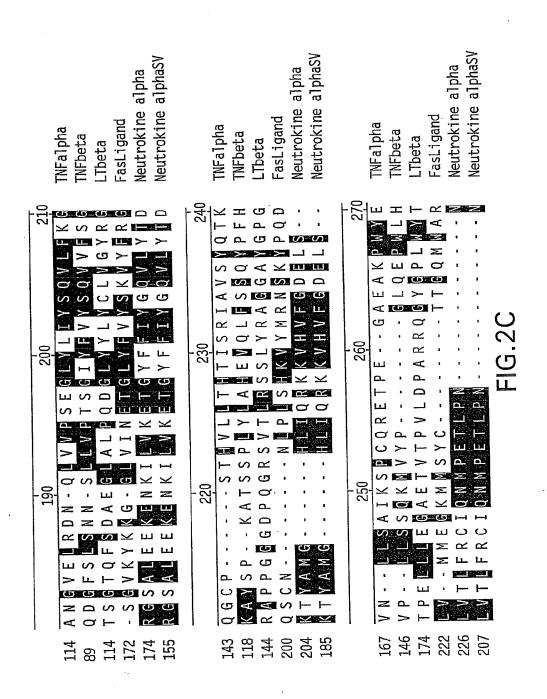
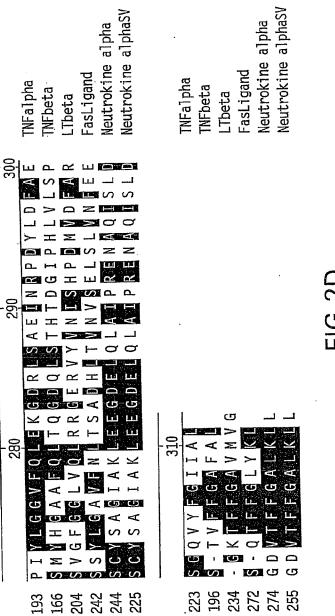
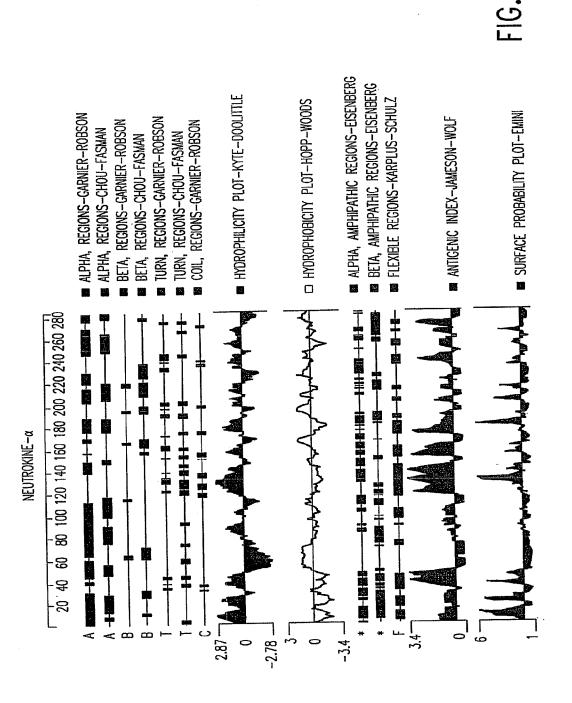


FIG.2B







HSOAD55R HNEDU15X HSLAH84R HLTBM08R	1A GGNTAACTCT CCTGAGGGGT GAGCCAAGCC CTGCCATGTAAAATTCA GGATAACTCT CCTGAGGGGT GAGCCAAGCC CTGCCATGTA .AATTCGGCA NAGNAAACTG GTTACTTTT TATATATGGT CAGGTTTTAT AATTCGGCAC GAGCAAGGCC GGCCTGGAGG AAGCTCCAGC TGTCACCGCG
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	51 GTGCACGCAG GACATCANCA A. ACACANN NNNCAGGAAA TAATCCATTC GTGCACGCAG GACATCAACA A. ACACAGA TAACAGGAAA TGATCCATTC ATACTGATAA GACCTACGCC ATGGGACATC TAGTTCAGAG GAAGAAGGTC GGACTGAAAA TCTTTGAACC ACCAGCTCCA GGAGAAGGCA ACTCCAGTCA
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	101 CCTGTGGTCA CTTATTCTAA AGGCCCCAAC CTTCAAAGTT CAAGTAGTGA CCTGTGGTCA CTTATTCTAA AGGCCCCAAC CTTCAAAGTT CAAGTAGTGA CATGTCTTTG GGGATGAATT GAGTCTGGTG ACTTTGTTTC GATGTATTCA GAACAGCAGA AATAAGCGTG CCGTTCAGGG TCCAGAAGAA ACAGTCACTC
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	151 200 TATGGATGAC TCCACAGAAA GGGAGCAGTC ACGCCTTACT TCTTGCCTTA TATGGATGAC TCCACAGAAA GGGAGCAGTC ACGCCTTACT TCTTGCCTTA AAATATGCCT GAAACACTAC CCAATAATTC CTGCTATTCA GCTGGCATTG AAGACTGCTT GCAACTGNTT GCAGACAGTG AAACACCAAC TATACAAAAA
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	201 250 AGAAAAGAGA AGAAATGAAA CTGNAAGGAG TGTGTTTCCA TCCTCCCACG AGAAAAGAGA AGAAATGAAA CT.GAAGGAG TGTGTTTCCA TCCTCCCACG CAAAACTGGN AGGAAGGAGATGAAC TCCAACTTGC AATACCAGGG GGCTCCCTTC TGNTGCCACA TTTGGGCCAA GGAATGGAGA GATTTCTTCG
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	251 300 GAAGGAAAGC CCCTCTNTCC GATCCTCCAA AGACGGAAAG CTGCTGGCTG GAAGGAAAGC CCCTCTGTCC GATCCTCCAA AGACGGAAAG CTGCTGGCTG GAAAATGCAC AATTATCACT GGGATGGAGA TGTTCACATT TTTTGGGTGC TCTGGAAACA TTTTGCCAAA CTCTTCAGAT ACTCTTTNCT CTCTGGGAAT
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	TACCAGGTGG CCGCCCTGCA AGGGGACCTG GCCAGCCTCC GGGCAGAGCT CTNCCTNTTC TNTGGTAACC TCTTAGGAAG GAAGGATTCT TAACTGGGAA

FIG.4A

	401 450
HS0AD55R	401
HNEDU15X	GCAGGGCCAC CACGCGGAGA AGCTGCCAGC AGGAGCAGGA GCCCCCAAGG
HSLAH84R HLTBM08R	ATAACCCAAA AAAANNTTAA ANGGGTANGN GNNANANGNG GGGNNGTTNN CAAGGNACTG GTTANTTTNT AAATATGGTC AGGTTTNTAT ANCTGGTAGG
TILLIDITOOK	F00
HSOAD55R	451 500
HNEDU15X	CCGGCCTGGA GGAAGCTCCA GCTGTCACCG CGGGACTGAA AATCTTTGAA
HSLAH84R	CNNGNNGNNT TITNGGNNTA TNTTNTNNTN GGGNNNNGTA AAAATGGGGC CCTCGCCATG GGCATTNATT CANGGNGAGG NCNNTCTTTT GGGNTGA
HLTBM08R	CCICGCCATG GGCATTNATE CANGGINGAGG NCNNTCTTT GGGNTGATT
	501 550
HSOAD55R HNEDU15X	CCACCAGCTC CAGGAGAAGG CAACTCCAGT CAGAACAGCA GAAATAAGCG
HSLAH84R	CNANGGGGGN TTTTT
HLTBM08R	
	551 600
HSOAD55R HNEDU15X	TGCCGTTCAG GGTCCAGAAG AAACAGTCAC TCAAGACTGC TTGCAACTGA
HSLAH84R	
HLTBM08R	
	601 650
HS0AD55R	TTGCAGACAG TGAAACACCA ACTATACAAA AAGGATCTTA CACATTTGTT
HNEDU15X HSLAH84R	TIGCAGACAG TGAAACACCA ACTATACAAA AAGGATOTTA OTOTTTTGT
HLTBM08R	
	651 700
HSOAD55R	ALCOCAL ALCOCAL ALCOCALCE COCALCA ALALACACA
HNEDU15X HSLAH84R	CCATGGCTTC TCAGCIIIAA AAGGGGAAGI GCCCIAGAAG AAAAAGAGAA
HLTBM08R	*********
	701 750
HSOAD55R	
HNEDU15X HSLAH84R	TAAAATATTG GTCAAAGAAA CTGGTTACTT TTTTATATAT GGTCAGGTTT
HLTBM08R	
	751 800
HSOAD55R	7.51
HNEDU15X	TATATACTGA TAAGACCTAC GCCATGGGAC ATCTAATTCA GAGGAAGAAG
HSLAH84R HLTBM08R	
HEIDINOR	

FIG.4B

	801	50
HSOAD55R HNEDU15X HSLAH84R	GTCCATGTCT TTGGGGATGA ATTGAGTCTG GTGACTTTGT TTCGATGT	AT
HLTBM08R		• •
	851	900
HSOAD55R HNEDU15X	TCAAAATATG CCTGAAACAC TACCCAATAA TTCCTGCTAT TCAGCTGC	 GCA
HSLAH84R	********* ******* ******** ******* *****	
HLTBM08R		• • •
	901	950
HSOAD55R HNEDU15X	TTGCAAAACT GGAAGAAGGA GATGAACTCC AACTTGCAAT ACCAAGA	GAA
HSLAH84R		
HLTBM08R		• • •
	951	000
HSOAD55R	AATGCACAAA TATCACTGGA TGGAGATGTC ACATTTTTTG GTGCATT	GAA
HNEDU15X HSLAH84R		
HLTBM08R		• • •
	1001	.050
HSOAD55R	ACTGCTGTGA CCTACTTACA CCATGTCTGT AGCTATTTTC CTCCCTT	TCT
HNEDU15X HSLAH84R	• • • •	
HLTBM08R		
	1051	1100
HSOAD55R	TO THE TAXABLE PROPERTY OF THE	
HNEDU15X HSLAH84R	• • • • • • • • • • • • • • • • • • • •	
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	
	1101	
HSOAD55R	·	
HNEDU15X		
HSLAH84R HLTBM08R		

FIG.4C

Neutrokine-∝SV

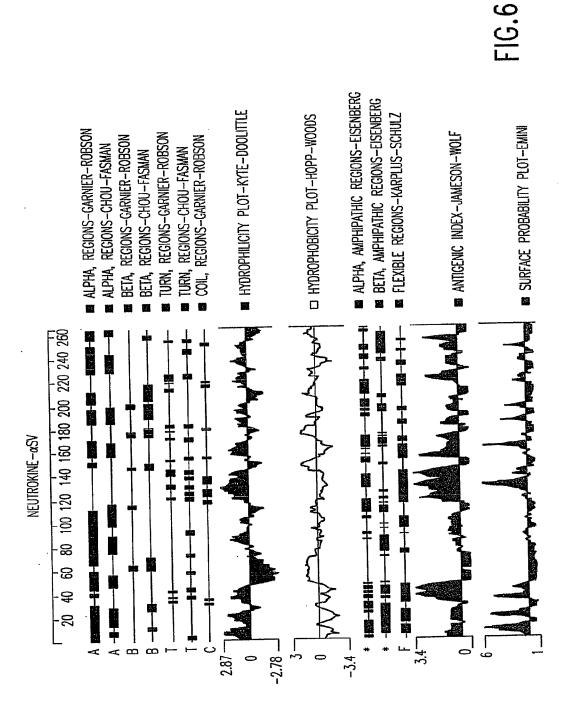
1 1	ATGGATGACTCCACAGAAAGGGAGCAGTCACGCCTTACTTCTTGCCTTAAGAAAAGAGAA M D D S T E R E Q S R L T S C L K K R E	60 20
61 21	GAAATGAAACTGAAGGAGTGTGTTTCCATCCTCCCACGGAAGGAA	120 40
l21 41	TCCTCCAAAGACGGAAAGCTGCTGGCTGCAACCTTGCTGCTGCACTGTCTTGCTGC S S K D G K L L A A T L L L A L L S C C CD-I	180 60
181 61	CTCACGGTGGTCTTTCTACCAGGTGGCCGCCCTGCAAGGGGACCTGGCCAGCCTCCGG L T V V S F Y Q V A A L Q G D L A S L R CD-II	240 80
241 81	GCAGAGCTGCAGGGCCACCACGCGGAGAAGCTGCCAGCAGGAGCAGGAGCCCCCAAGGCC A E L Q G H H A E K L P A G A G A P K A CD-II	300 100
301 101 C	GGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P D-III	360 120
361 121	# GGAGAAGGCAACTCCAGTCAGAACAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAAGAA G E G N S S Q N S R N K R A V Q G P E E	420 140
421 141	ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGTGCCCTAGAA T G S Y T F <u>V P W L L S F K R G S A L E</u> CD-IV	480 160
	GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTATATATGGTCAGGTT <u>E K</u> E N K <u>I L V K E T G Y F F I Y G Q V</u> CD-IV	540 180
541 181	TTATATACTGATAAGACCTACGCCATGGGACATCTAATTCAGAGGAAGAAGGTCCATGTC L Y T D K T Y A M G H L I Q R K K V H V CD-VI CD-VII	600 200

FIG.5A

Neutrokine-αSV

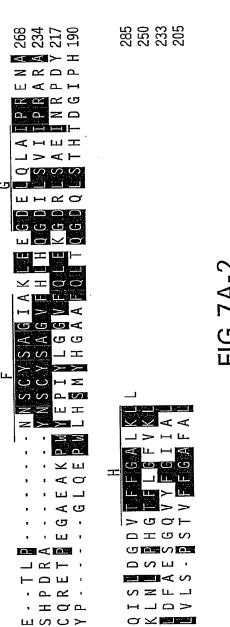
501 201 CI	TTTGGGGATGAATTGAGTCTGGTGACTTTGTTTCGATGTATTCAAAATATGCCTGAAACA <u>F G</u> D E L S <u>L V T L F R C I Q N M P</u> E T D-VIII CD-VIII	660 220
561 221	CTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAAAACTGGAAGAAGGAGATGAACTC L P N N <u>S C Y S A G</u> I A K <u>L E E G D E L</u> CD-IX CD-X	720 240
721 241	CAACTTGCAATACCAAGAGAAAATGCACAAATATCACTGGATGGA	780 260
781 261	GGTGCATTGAAACTGCTGTGACCTACTTACACCATGTCTGTAGCTATTTTCCTCCCTTTC G A L K L L CD-XI	840 266
841	TCTGTACCTCTAAGAAGAAACAAACTCTAACTGAAAAATACCAAAAAAAA	900
901	AAA 903	

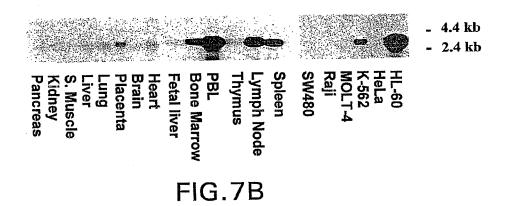
FIG.5B

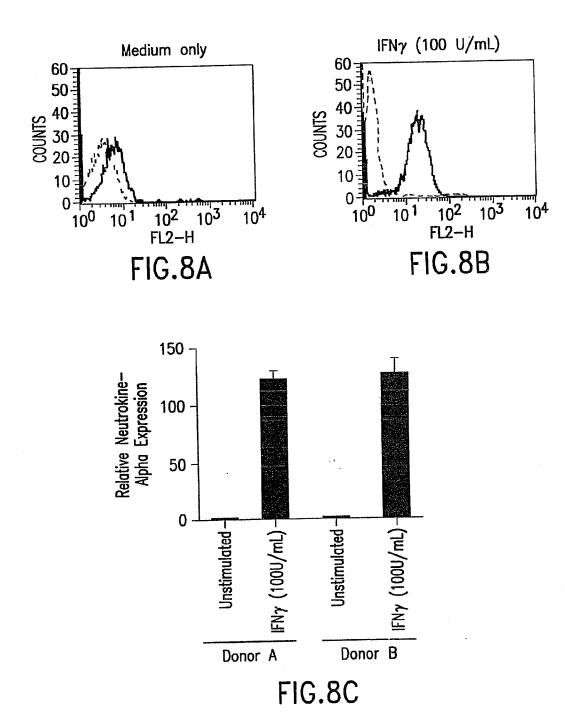


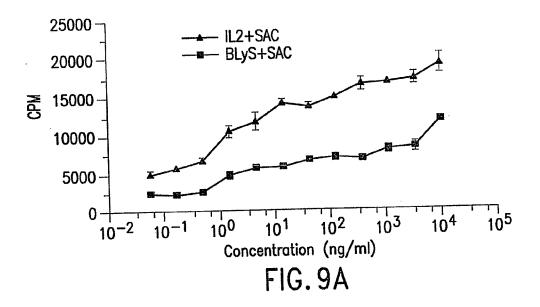
41 SVRS Ω. RLTSCLKKREEMKLKECVSILPRK S Veutrokine-Alpha M D D S T E

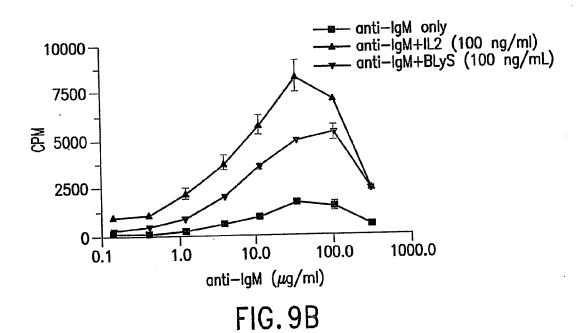
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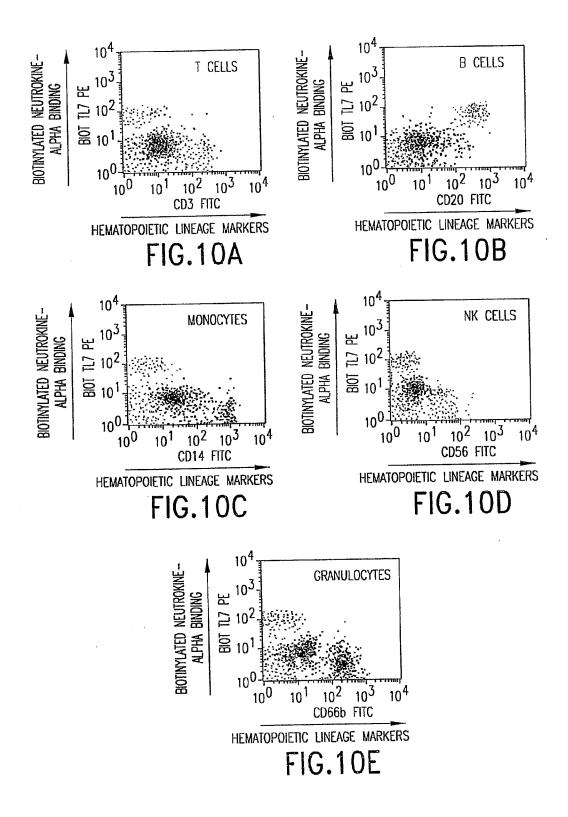


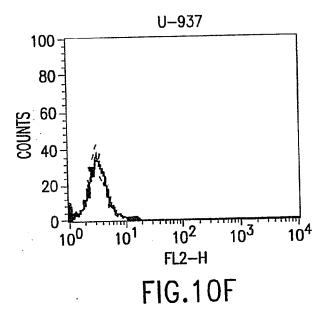


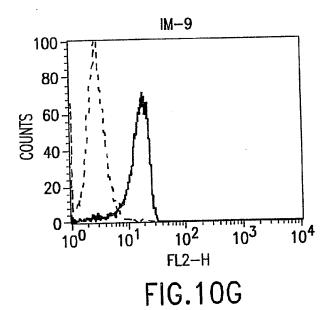












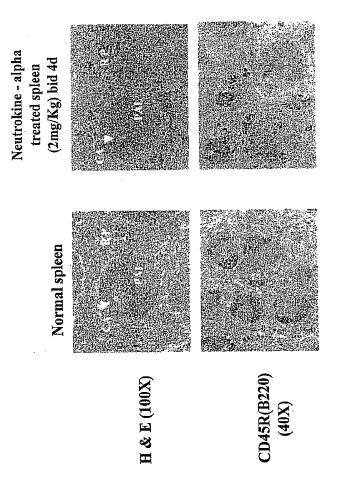
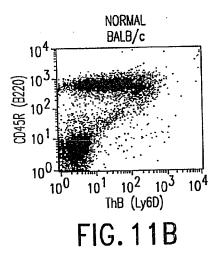


FIG.11A



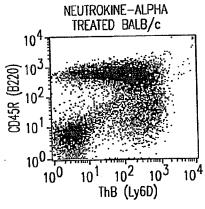
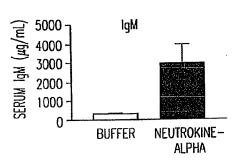


FIG. 11C



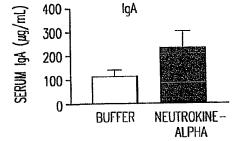


FIG. 11D

FIG. 11E

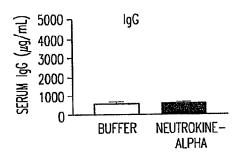


FIG. 11F